Application Serial No. 10/629,895
Amendment and Response to Restriction
    Requirement dated 16 December 2010
Reply to Office Action dated 16 November 2010

REMARKS

Amendments

The specification has been amended to insert a reference to the electronic form of the Sequence Listing being filed concurrently herewith.

Claims 17 and 20 have been amended to refer to SEQ ID NO:7 which is found in the substitute Sequence Listing filed concurrently herewith. Support for SEQ ID NO:7 can be found, for example, in Fig. 1B.

Claim 27 has been added to refer to SEQ ID NO:8 which is found in the substitute Sequence Listing filed concurrently herewith.

It is submitted that these amendments do not constitute new matter, and their entry is requested.

Response to Restriction

In response to the election of species requirement set forth in the outstanding Office Action with respect to the nucleotide sequences, Applicants make the following elections.

With respect to the election of siRNA or miRNA encoding nucleic acid as originally set forth in SEQ ID NOs:1, 2 and 3, Applicants elect SEQ ID NO:7, which is similar to SEQ ID NO:1 except that it does not contain the vector sequences, for examination. The election of SEQ ID NO:7 is made without traverse. Claims 1, 5, 6, 11-13, 15, 17, 20, 26 and 27 read on this election of this siRNA encoding sequence.

With respect to the election of a loop sequence as originally set forth in SEQ ID NOs:4, 5 and 6, Applicants elect SEQ ID NO:8 which is the loop sequence shown in Fig.1A and the loop sequence of SEQ ID NO:7 (as well s SEQ ID NO:1). The election of SEQ ID NO:8 is made without traverse. Claims 1, 5, 6, 11-13, 15, 26 and 27 read on this election of loop sequence.

If Applicants have misunderstood the election of species as to also requiring election between the sequences for the siRNA or miRNA encoding nucleic acid and the sequences of the

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loop sequence, then Applicants elect SEQ ID NO:7 for examination. Claims 1, 5, 6, 11-13, 15, 17,

20, 26 and 27 read on this election of this siRNA encoding sequence.

Respectfully submitted,

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